

National Functional Guidelines Report #03

Lab DATA(ALS Environmental) SDG MF9M21 Case 45299 Contract EPW09036 Region 6 DDTID 216735 SOW ISM01.3

Data Review Reports

Blanks

Blanks	Hg
NCB05	The following samples have no detected analytes. The associated ICB analyte results are less than or equal to -MDLs but greater than or equal to -CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	MF9M22, MF9M23, MF9M24, MF9M27, MF9M27D, MF9M28, MF9M29, MF9M30, MF9M32, MF9M33, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
	Mercury MF9M22 , MF9M23 , MF9M24 , MF9M27 , MF9M27D , MF9M28 , MF9M29 , MF9M30 , MF9M32 , MF9M33 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
Blanks	Hg
NCB06	The following samples have no detected analytes. The associated CCB analyte results are less than or equal to -MDLs but greater than or equal to -CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	MF9M22, MF9M23, MF9M24, MF9M27, MF9M27D, MF9M28, MF9M29, MF9M30, MF9M32, MF9M33, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
	Mercury MF9M22 , MF9M23 , MF9M24 , MF9M27 , MF9M27D , MF9M28 , MF9M29 , MF9M30 , MF9M32 , MF9M33 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
Blanks	Hg
ND15	The following samples have analyte results greater than or equal to MDLs. The associated ICB analyte results are less than or equal to -MDLs but greater than or equal to -CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	MF9M21, MF9M25, MF9M26, MF9M27S, MF9M31, MF9M34
	Mercury MF9M21 , MF9M25 , MF9M26 , MF9M27S , MF9M31 , MF9M34
Blanks	Hg
ND16	The following samples have analyte results greater than or equal to MDLs. The associated CCB analyte results are less than or equal to -MDLs but greater than or equal to -CRQLs. Use professional judgment to qualify detected and nondetected analytes.
	MF9M21, MF9M25, MF9M26, MF9M27S, MF9M31, MF9M34
	Mercury MF9M21 , MF9M25 , MF9M26 , MF9M27S , MF9M31 , MF9M34

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ND03	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs. PBS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41 Sodium PBS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41 Potassium MF9M23, MF9M27L, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, PBS, MF9M41
Blanks	ICP_AES
ND04	The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated at CRQLs. PBS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41 Sodium PBS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41 Calcium PBS, MF9M23, MF9M27L Potassium MF9M23, MF9M27L, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, PBS, MF9M41
Blanks	ICP_AES
ND05	The following samples have analyte results greater than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes. LCS, MF9M21, MF9M22, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M40 Sodium LCS Potassium LCS, MF9M21, MF9M22, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M40
Blanks	ICP_AES
ND06	The following samples have analyte results greater than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualified detected and nondetected analytes. LCS, MF9M21, MF9M22, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41 Sodium LCS Calcium LCS, MF9M21, MF9M22, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41 Potassium LCS, MF9M21, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M39 Manganese LCS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41 Iron LCS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
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Blanks	ICP_AES
NE04	<p>The following samples have analyte results greater than or equal to MDLs but less than or equal to CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs.</p> <p>MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41</p> <p>Sodium MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41</p> <p>Calcium MF9M23</p> <p>Potassium MF9M41</p> <p>Magnesium MF9M41</p>
NE05	<p>The following samples have analyte results greater than CRQLs. The associated preparation blank analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Use professional judgment to qualify detected and nondetected analytes.</p> <p>LCS, MF9M21, MF9M22, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41</p> <p>Sodium LCS</p> <p>Calcium LCS, MF9M21, MF9M22, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41</p> <p>Potassium LCS</p> <p>Magnesium LCS</p>

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Blanks

Blanks	ICP_MS
ND03	<p>The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated ICB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated to CRQLs.</p> <p>PBS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41, MF9M27L</p> <p>Cobalt PBS</p> <p>Antimony PBS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41</p> <p>Thallium PBS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41</p> <p>Cadmium PBS, MF9M21, MF9M25, MF9M32, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41</p> <p>Silver PBS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41</p> <p>Lead PBS</p>
ND04	<p>The following samples have analyte results greater than or equal to MDLs but less than CRQLs. The associated CCB analyte results are greater than or equal to MDLs but less than or equal to CRQLs. Detected analytes are qualified U. Nondetected analytes are not qualified. Sample results are elevated at CRQLs.</p> <p>PBS, MF9M22, MF9M23, MF9M24, MF9M25, MF9M27L, MF9M31, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41, MF9M21, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33</p> <p>Vanadium PBS</p> <p>Chromium PBS</p> <p>Cobalt PBS</p> <p>Barium PBS</p> <p>Beryllium PBS, MF9M22, MF9M23, MF9M24, MF9M25, MF9M27L, MF9M31, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41</p> <p>Antimony PBS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41</p> <p>Thallium PBS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41</p> <p>Cadmium PBS, MF9M21, MF9M25, MF9M32, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41</p> <p>Copper PBS</p> <p>Silver PBS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41</p> <p>Lead PBS</p>
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Blanks

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	LCS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41, MF9M27A
	Cobalt LCS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
Antimony	LCS, MF9M27A
Thallium	LCS, MF9M27S
Cadmium	LCS, MF9M27S
Silver	LCS, MF9M27S
Lead	LCS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
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	Vanadium LCS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
	Chromium LCS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
	Cobalt LCS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
	Barium LCS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
	Nickel LCS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M27L
	Beryllium LCS, MF9M21, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M32
	Antimony LCS, MF9M27A
	Thallium LCS, MF9M27S
	Cadmium LCS, MF9M27S
	Copper LCS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
	Silver LCS, MF9M27S
	Lead LCS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27S, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
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	Beryllium MF9M22 , MF9M23 , MF9M24 , MF9M25 , MF9M31 , MF9M33 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
	Antimony MF9M21 , MF9M22 , MF9M23 , MF9M24 , MF9M25 , MF9M26 , MF9M27 , MF9M27S , MF9M27D , MF9M28 , MF9M29 , MF9M30 , MF9M31 , MF9M32 , MF9M33 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
	Thallium MF9M21 , MF9M22 , MF9M23 , MF9M24 , MF9M25 , MF9M26 , MF9M27 , MF9M27D , MF9M28 , MF9M29 , MF9M30 , MF9M31 , MF9M32 , MF9M33 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
	Cadmium MF9M21 , MF9M25 , MF9M32 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
	Silver MF9M21 , MF9M22 , MF9M23 , MF9M24 , MF9M25 , MF9M26 , MF9M27 , MF9M27D , MF9M28 , MF9M29 , MF9M30 , MF9M31 , MF9M32 , MF9M33 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
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	Vanadium LCS , MF9M21 , MF9M22 , MF9M23 , MF9M24 , MF9M25 , MF9M26 , MF9M27 , MF9M27S , MF9M27D , MF9M27L , MF9M28 , MF9M29 , MF9M30 , MF9M31 , MF9M32 , MF9M33 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
	Chromium LCS , MF9M21 , MF9M22 , MF9M23 , MF9M24 , MF9M25 , MF9M26 , MF9M27 , MF9M27S , MF9M27D , MF9M27L , MF9M28 , MF9M29 , MF9M30 , MF9M31 , MF9M32 , MF9M33 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
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	Barium LCS , MF9M21 , MF9M22 , MF9M23 , MF9M24 , MF9M25 , MF9M26 , MF9M27 , MF9M27S , MF9M27D , MF9M27L , MF9M28 , MF9M29 , MF9M30 , MF9M31 , MF9M32 , MF9M33 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
	Zinc LCS , MF9M21 , MF9M22 , MF9M23 , MF9M24 , MF9M25 , MF9M26 , MF9M27 , MF9M27S , MF9M27D , MF9M27L , MF9M28 , MF9M29 , MF9M30 , MF9M31 , MF9M32 , MF9M33 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
	Beryllium LCS , MF9M21 , MF9M26 , MF9M27 , MF9M27S , MF9M27D , MF9M28 , MF9M29 , MF9M30 , MF9M32
	Antimony LCS , MF9M27A
	Thallium LCS , MF9M27S
	Cadmium LCS , MF9M27S
	Copper LCS , MF9M21 , MF9M22 , MF9M23 , MF9M24 , MF9M25 , MF9M26 , MF9M27 , MF9M27S , MF9M27D , MF9M27L , MF9M28 , MF9M29 , MF9M30 , MF9M31 , MF9M32 , MF9M33 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
	Silver LCS , MF9M27S
	Lead LCS , MF9M21 , MF9M22 , MF9M23 , MF9M24 , MF9M25 , MF9M26 , MF9M27 , MF9M27S , MF9M27D , MF9M27L , MF9M28 , MF9M29 , MF9M30 , MF9M31 , MF9M32 , MF9M33 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41

National Functional Guidelines Report #03**Lab** DATA(ALS Environmental) **SDG** MF9M21 **Case** 45299 **Contract** EPW09036 **Region** 6 **DDTID** 216735 **SOW** ISM01.3***Data Review Reports***

Detection Limit

Detection Limit	Hg
NDL1	The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J.
	MF9M21, MF9M25, MF9M26, MF9M31, MF9M34
	Mercury MF9M21 , MF9M25 , MF9M26 , MF9M31 , MF9M34

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Detection Limit

Detection Limit	ICP_AES
NDL1	The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J. PBS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
	Sodium PBS, MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M27D, MF9M27L, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
	Calcium PBS, MF9M23, MF9M27L
	Potassium MF9M23, MF9M27L, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, PBS, MF9M41
	Magnesium MF9M22, MF9M23, MF9M24, MF9M27L, MF9M34, MF9M35, MF9M37, MF9M38, PBS, MF9M41

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Detection Limit

Detection Limit	ICP_MS
NDL1	The following samples have results greater than or equal to MDLs but less than CRQLs. Detected analytes are qualified J.
	PBS, MF9M25, MF9M27D, MF9M28, MF9M31, MF9M32, MF9M22, MF9M23, MF9M24, MF9M27L, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41, MF9M21, MF9M26, MF9M27, MF9M27S, MF9M29, MF9M30
	Vanadium PBS
	Selenium MF9M25 , MF9M27D , MF9M28 , MF9M31 , MF9M32
	Chromium PBS
	Cobalt PBS
	Barium PBS
	Zinc PBS
	Beryllium PBS , MF9M22 , MF9M23 , MF9M24 , MF9M25 , MF9M27L , MF9M31 , MF9M33 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
	Antimony PBS , MF9M21 , MF9M22 , MF9M23 , MF9M24 , MF9M25 , MF9M26 , MF9M27 , MF9M27S , MF9M27D , MF9M28 , MF9M29 , MF9M30 , MF9M31 , MF9M32 , MF9M33 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
	Thallium PBS , MF9M21 , MF9M22 , MF9M23 , MF9M24 , MF9M25 , MF9M26 , MF9M27 , MF9M27D , MF9M27L , MF9M28 , MF9M29 , MF9M30 , MF9M31 , MF9M32 , MF9M33 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
	Cadmium PBS , MF9M21 , MF9M25 , MF9M32 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
	Copper PBS
	Silver PBS , MF9M21 , MF9M22 , MF9M23 , MF9M24 , MF9M25 , MF9M26 , MF9M27 , MF9M27D , MF9M27L , MF9M28 , MF9M29 , MF9M30 , MF9M31 , MF9M32 , MF9M33 , MF9M34 , MF9M35 , MF9M37 , MF9M38 , MF9M39 , MF9M40 , MF9M41
	Lead PBS

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Duplicates

Duplicates	ICP_AES
NI03	The following Duplicate and original sample results are greater than 5xCRQL and RPD is greater than 20. The original sample results are greater than or equal to MDLs. Detected analytes are qualified J. Nondetected analytes are qualified UJ. MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
	Aluminum MF9M27D
	Iron MF9M27D
Duplicates	ICP_AES
NI04	The following Duplicate or original sample results are less than or equal to 5xCRQL and the absolute difference between duplicate and original samples are greater than CRQL. The original sample results are greater than or equal to MDLs. Detected analytes are qualified J. Nondetected analytes are qualified UJ. MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
	Magnesium MF9M27D

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Duplicates

Duplicates	ICP_MS
NI03	The following Duplicate and original sample results are greater than 5xCRQL and RPD is greater than 20. The original sample results are greater than or equal to MDLs. Detected analytes are qualified J. Nondetected analytes are qualified UJ.
	MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
	Vanadium MF9M27D
	Arsenic MF9M27D
	Barium MF9M27D
	Zinc MF9M27D

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Matrix Spikes

Matrix Spikes	ICP_MS
NG08	The following Matrix Spike samples have percent recoveries less than 30% and post-digestion spike samples have percent recoveries greater than or equal to 75%. Detected analytes with results greater than or equal to MDLs are qualified J. Nondetected analytes are qualified UJ.
	MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
	Antimony MF9M27S

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Serial Dilution

Serial Dilution	ICP_MS
NL032	The following ICP-MS Serial Dilution (SD) samples have percent difference (%D) greater than 10% and initial sample results are greater than 50xMDLs. The detected analytes in samples with results greater than or equal to MDLs are qualified J. Nondetected analytes in samples are qualified UJ.
	MF9M21, MF9M22, MF9M23, MF9M24, MF9M25, MF9M26, MF9M27, MF9M28, MF9M29, MF9M30, MF9M31, MF9M32, MF9M33, MF9M34, MF9M35, MF9M37, MF9M38, MF9M39, MF9M40, MF9M41
	Zinc MF9M27L